

Proposed Allocation of Production
for Commingled Production

Using Production Data from Gavilan #1

Production for November 1983 - Dakota only producing

<u>Oil</u>	<u>Gas</u>
177.78 / 30 days	2653.22 Mcf/30 days
5.9 BOPD	88.4 Mcf/day

Production for June 1983 - Gallup only producing

<u>Oil</u>	<u>Gas</u>
1768.6 / 30 days	18,865.2 Mcf/30 days
59.0 BOPD	628.8 Mcf/day

Theoretical Combined Production

$$59.0 + 5.9 = 64.9 \text{ BOPD}$$

$$628.8 + 88.4 = 717.2 \text{ MCF/day}$$

Gallup Production is:

$$\frac{59}{64.9} = 91\% \text{ of total oil} \quad \frac{628.8}{717.2} = 88\% \text{ of total gas}$$

Therefore recommend that production be allocated as follows:

Oil: 91% to Gallup & 9% to Dakota

Gas: 88% to Gallup & 12% to Dakota

BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION NORTHWEST EXHIBIT NO. <u>14</u> CASE NO. <u>8042</u>
